

Application No.: 10/645,616

Docket No.: 4006-263

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A method for forming spacers on a substrate, said method comprising the following steps of:
forming a plurality of trenches in a mould, wherein each of said trenches penetrate said mould and has a top opening and a bottom opening, wherein said top opening is larger than said bottom opening and at least one bugle is extended out from a sidewall of said bottom opening ;
~~providing a mould with a plurality of trenches;~~
locating a plurality of spacers on said mould;
vibrating said mould to make said spacers fall into said trenches, wherein said at least one bugle limits said spacer to arrange in a special location of said trench;
coating a glue on a first substrate;
bringing said first substrate into contact with said mould to make said spacers adhere to said first substrate; and
removing said spacers from said trenches.
2. (original) The method of claim 1, wherein a fluid is used to locate said spacers on said mould.
3. (withdrawn) The method of claim 1, wherein a spraying method is used to locate said spacers on said mould.
4. (original) The method of claim 1, wherein said method further comprises temporarily fixing said spacers in said trenches when said spacers fall into said trenches.
5. (cancelled)

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6. (currently amended) The method of claim[[5]] 1, further comprising providing a second substrate, wherein said second substrate is brought into contact with said mould and a viscous substance is formed on said second substrate for temporarily fixing said spacers when said spacers fall into said trenches.
7. (original) The method of claim 6, wherein said viscous substance is neutralized by UV light.
8. (original) The method of claim 7, wherein said method further comprises using a UV light to illuminate said second substrate to neutralize said viscous substance and then removing said spacers from said mould.
9. (original) The method of claim 4, wherein said method further comprises providing a static electricity fixing apparatus to fix said spacers having fallen into said trenches.
10. (original) The method of claim 1, wherein the spacer is cruciform.
11. (original) The method of claim 10, wherein said cruciform spacer is arranged in a diagonal of a trench.
12. (original) The method of claim 1, wherein said spacer is rectangular.
13. (cancelled)
14. (cancelled)
15. (currently amended) A method for forming spacers on a substrate, said method comprising the following steps of:
forming a plurality of trenches in a mould, wherein each of said trenches penetrate said mould and has a top opening and a bottom opening, wherein said top opening is larger

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than said bottom opening and at least one bugle is extended out from a sidewall of said bottom opening;

coating a viscous substance on a first substrate, wherein said viscous substance is neutralized by UV light;

bonding said first substrate to said mould, wherein said trenches on said mould partially expose said viscous substance;

locating a plurality of spacers on said mould;

vibrating said mould to make said spacers fall into said trenches, wherein said spacers are temporarily fixed in said trenches by said viscous substance;

coating a glue on a second substrate;

brining said second substrate into contact with said mould to make said spacers adhere to said second substrate; and

removing said spacers from said trenches.

16. (original) The method of claim 15, wherein a fluid is used to locate said spacers on said mould.

17. (withdrawn) The method of claim 15, wherein a spraying method is used to locate said spacers on said mould.

18. (original) The method of claim 15, wherein said spacer is cruciform.

19. (original) The method of claim 18, wherein said cruciform spacer is arranged in a diagonal of a trench.

20. (original) The method of claim 15, wherein said spacer is rectangular.

21. (cancelled)

22. (cancelled)